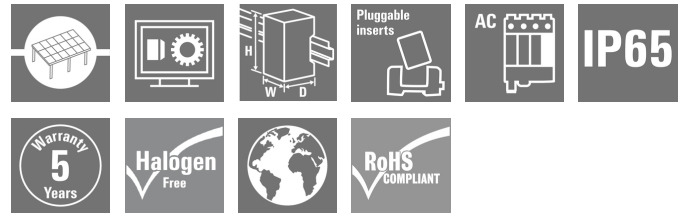


PV 40401S2V1C1A1ES**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Your best option for AC protection.**

Designed to work with different string inverters, Weidmüller has developed this standard configurations of AC combiner boxes based upon recurring customer requirements.

Depending on the version, the combiner boxes can contain fuses and surge protection. These combiner boxes are specially designed for major string inverter manufacturers worldwide.

General ordering data

Version	Photovoltaics, Assembled enclosure, Combiner Box, AC voltage version, With fuse holder, Surge protection I, Cable gland, String Inverter
Order No.	8000069107
Type	PV 40401S2V1C1A1ES
GTIN (EAN)	4064675331414
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	350 mm	Depth (inches)	13.78 inch
Height	1,056 mm	Height (inches)	41.575 inch
Width	852 mm	Width (inches)	33.543 inch
Net weight	38,393.336 g		

Temperatures

Ambient temperature	-20 °C...50 °C
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AC electrical properties

Earthing	Directly at the VPU	Rated voltage	400 V AC
Surge protection AC side	480V AC, type I, I _{max} = 50kA, U _p ≤ 2.1kV, without auxiliary contact		

AC inputs

Cable type	regular	Number of AC inputs	4
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AC outputs

AC output cable connection type	Screw connection, M12	Number of AC outputs	1
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Housing

Protection degree	IP65	Type of mounting	Wall mounting
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Norms and standards

Standards	IEC 61439-2 ed 2.0, EN 61439-2:2011
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Guarantee

Time interval	5 years
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Classifications

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC003857	ETIM 9.0	EC003857
ETIM 10.0	EC003857	ECLASS 9.0	22-57-92-03
ECLASS 9.1	22-57-02-90	ECLASS 10.0	22-57-02-90
ECLASS 11.0	22-57-02-92	ECLASS 12.0	22-57-02-92
ECLASS 13.0	22-57-02-92	ECLASS 14.0	22-57-02-92
ECLASS 15.0	22-57-02-92		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/

ROHS

Conform

Downloads

Engineering Data

[Thermal Report](#)

Technical Documentation

[Customer drawings](#)[Electrical drawing](#)

User Documentation

[User Manual PV AC Combiner boxes](#)[EU Declaration of Conformity](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

